March Marc				AU IR					PARAMETER		
1985 1985	WAS SIGNED IN A SIGNED NAME.			CATEGO				CAUCE NAME	1	CTATUS	2020 /0 4555554451/7 047/01/4/5
1986 1986	HUC EIGHT HUC EIGHT NAME	AU_ID	AU_NAME	RY	SIZE UNIT	REFERENCE	USE	CAUSE_NAME	CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE
1											
18-201-1											
March Marc											
10000 100000 100000 100000 100000 100000 100000 100000 10000	11080002 Cimarron	NM-2306.A_066	American Creek (Cieneguilla Creek to headwaters)	5/5A	5.99 MILES	20.6.4.309		E. coli	5/5A	303(d) List (no TMDL in place)	
1,0000 Concorn 1,00000 Concorn 1,00000 Concorn 1,00000 Concorn 1,00000	11080002 Cimarron	NM-2306.A_162	North Ponil Creek (Seally Canyon to headwaters)	5/5C	8.52 MILES	20.6.4.309		Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	
1,000 2,00	40040005			5/54	0.40 1.41150	20.5.4.422		-	5 /5 A	202(1)	
10000 100000 100000 100000 100000 100000 100000 100000 10000	13010005 Conejos	NM-2120.A_904	Beaver Creek (kio de los Pinos to neadwaters)	5/5A	8.13 MILES	20.6.4.123	Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	
1,000 1,00											
1900 1900	40040005			- /	40.501.411.50	20 5 4 422		n: 1 1	5 /5 A	202/11/11/1 72/2011	
Marriage	13010005 Conejos	NW-2120.A_903	Canada 110 Grande (RIO San Antonio to neadwaters)	5/5A	10.58 MILES	20.6.4.123	Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TWIDE in place)	
1900 1900											Thermograph and sonde data documented temperature and DO impairment. The TN and
1,000 1,00	12010005 Ci	NA 2120 A 002	County Tip County (Die Cou Antonio to book unton)	F /F A	10 50 141156	20 6 4 122	Brimer Control	r!:	E /E A	202(d) List (see TNAD) is sleen)	
Mary	13010003 Collejos	NW-2120.A_903	Canada no Grande (Nio San Antonio to neadwaters)	3/3A	10.36 WILES	20.0.4.123	Frimary Contact	E. COII	3/34	303(u) List (110 TIVIDE III place)	temperature remains, and nutrients was removed.
18/000 1											
15/10/200 Compts	12010005 Coneios	NM-2120 A 900	Rio de los Pinos (New Mexico reaches)	5/5A	20 63 MILES	20 6 4 122		Aluminum Total Recoverable	5/5A	202(d) List (no TMDL in place)	
	13010003 Conejos	NW-2120.A_500	INO de 103 FIIIO3 (New Mexico Feaches)	3/3/	20.03 WILLS	20.0.4.123	Aquatic tile	Aldininani, rotal recoverable	5/3/	303(d) Eist (110 TWIDE III place)	
1,000,000 Comps											
Part	13010005 Coneios	NM-2120 A 905	Rio Nutritas (Rio San Antonio to headwaters)	5/5A	7 99 MILES	20 6 4 123	Primary Contact	F coli	5/5A	303(d) List (no TMDL in place)	temperature were listed.
100000 Covarign	13010003 Conejos	NN-2120.A_303	INO Natritas (No San Airtono to neadwaters)	JJJK	7.55 WILLS	20.0.4.123	rimary contact	E. COII	5/3/	303(d) List (no TWDE in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/5 E. coli, and
1,000,000 1,000											
1300000 (owigin	13010005 Coneios	NM-2120 A 905	Rio Nutritas (Rio San Antonio to headwaters)	5/5A	7 99 MILES	20 6 4 123		Temperature	5/5A	303(d) List (no TMDL in place)	temperature were listed.
1892/000 Compose	13010003 conejos	NN-2120.A_303	INO Natritas (No San Airtono to neadwaters)	JJJK	7.55 WILLS	20.0.4.123	Aquatic tile	remperature	3/3/	303(d) List (no TWDE in place)	Sampled as part of the 2017-2018 URG survey. Long-term datasets confirm the DO and
1,000,000 1,00											
Part	13010005 Coneios	NM-2120 A 902	Rio San Antonio (CO horder to Montova Canyon)	5/5A	11 86 MILES	20 6 4 123	0	Aluminum Total Recoverable	5/5A	303(d) List (no TMDL in place)	
April	13010003 conejos	NN-2120.A_502	INO 3an Antonio (co border to Montoya Canyon)	JJJK	11.00 WILLS	20.0.4.123	Aquatic tile	Aldininani, rotal recoverable	5/3/	303(d) List (no TWDE in place)	
1000000000000000000000000000000000000											
1,000,000 Upper 80 Grande							High Quality Coldwater				
1,000,000 loger No Grande MA-2120A_283 continue Cover (Coulist Creek to headwaters) 5/5A 2.2 6 Mill. 5 5.6 4.12 Mill. 5	13010005 Conejos	NM-2120.A_901	Rio San Antonio (Montoya Canyon to headwaters)	5/5A	20.87 MILES	20.6.4.123		Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	
1,000,000 loger No Grande MA-2120A_283 continue Cover (Coulist Creek to headwaters) 5/5A 2.2 6 Mill. 5 5.6 4.12 Mill. 5											5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1,000,000 1,000	13020101 Upper Rio Grande	NM-2120.A 701	Cabresto Creek (Red River to headwaters)	5/5A	17.98 MILES	20.6.4.123		Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	
10000101 (typer Rio Grande 10000101) (typer Rio Grande 100								75			Sampled as part of the URG 2017-2018 survey. Exceedences include 1/5 pH. Therefore,
3,000,000 Super Rio Grande M-2120 A, 830 Outwagen Creek (Comanche Creek to headwaters) S/SA 2,7 Mil. 5 20,6,4,123 Agasta Life Super Rio Grande M-2120 A, 830 Outwagen Creek (Costilla Creek to headwaters) S/SA 13,12 Mil. 5 20,6,4,123 Agasta Life Dissolved owgen S/SA 3,000 User Rio Grande M-2120 A, 820 Outwagen Creek (Costilla Creek to headwaters) S/SA 13,12 Mil. 5 20,6,4,123 Agasta Life Dissolved owgen S/SA Agasta Life Dissolved owgen S/SA 3,000 User Rio Grande M-2120 A, 820 Outwagen Creek (Costilla Creek to headwaters) S/SA 3,000 User Rio Grande M-2120 A, 820 Outwagen Creek (Costilla Creek to headwaters) S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek to headwaters) S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek to headwaters) S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek to headwaters) S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek to headwaters) S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek to Costilla Dam) S/SC 3,20 Mil. 5 20,6,4,123 Agasta Life Dissolved owgen S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek (Costilla Creek to Costilla Dam) S/SC 3,20 Mil. 5 20,6,4,123 Agasta Life Dissolved owgen S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek (Costilla Dam) S/SC S/SA Mil. 5 20,6,4,123 Agasta Life Bentilic Macroinverte/basta impairment Dissolved owgen S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek (Costilla Dam) S/SC S/SA Mil. 5 20,6,4,123 Agasta Life Bentilic Macroinverte/basta impairment Dissolved owgen S/SA 3,000 User Rio Grande M-2120 A, 820 Outside Creek (Costilla Creek (Costilla Dam) S/SC S.16 Mil. 5 20,6,4,123 Agasta Life Dissolved owgen S/SA 3,000 User Rio Grande M-2120 A, 820 Outsid	13020101 Upper Rio Grande	NM-2120.B_20	Cabresto Lake	5/5A	22.46 ACRES	20.6.4.134	40.000	pH	5/5A	303(d) List (no TMDL in place)	
Somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey survey survey and proprieting the parameter. There were 1/2 acute 17 all applications are somplet as gar of the URG 2017-2018 survey. Extremelyaph and soorded data documented impairment. A somplet a gar of the URG 2017-2018 survey survey survey and proprieting the somplet and soorded original to contain the parameter. There were 1/2 acute 17 all applications are somplet as gar of the URG 2017-2018 survey. Extremely and somplet and soorded original to contain the parameter. There were 1/2 acute 17 all applications are some some some soorded original to contain the parameter. There were 1/2 acute 17 all applications are some some some some some some some som	13020101 Upper Rio Grande	NM-2120.A 833	Chuckwagon Creek (Comanche Creek to headwaters)	5/5A	2.7 MILES	20.6.4.123		Turbidity	5/5A	303(d) List (no TMDL in place)	
3302010 Upper Rio Grande Not-2120.A, 827 Comanche Creek (Costilla Creek to headwaters) 5/5A 33.12 Mil.ES 20.6.4.123 Aquatic Life Oissolved oxygen 5/5A 303(d) List (no TMDL in place) Imperiator Remain, and Do Available and Hock 2017-2018 univery. Turbidity data documented impairment. A level two sedimentations univery and the US 2017-2018 univery. Turbidity and advantage in the US 2017-2018 univery. Turbidity data documented impairment. A level two sedimentations universely the surprise of the US 2017-2018 univery. Turbidity and advantage in turbidity was related and edimentation universely the surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d. d. deepending on document and surprise for 2 d.								,			Sampled as part of the URG 2017-2018 survey. Thermograph and sonde data documented
Ingle day part of the URG 2017-2018 survey. Turbidity data documented impairment. A level two sedimentations survey was not performed during the impairment. A level two sedimentations survey was not performed during the impairment. A level two sedimentations survey was not performed during the impairment. A level two sedimentations remains a final documented in pairment. A level two sedimentations survey was not performed during the impairment. A level two sedimentations survey was not performed during the impairment. A level two sedimentations survey was not performed during the impairment. Therefore, Op was a document to the impairment of the parameter. Therefore, Op was a document to the impairment of the parameter. Therefore, Op was a document to the parameter. T	12020101 Upper Rie Grande	NINA 2120 A 927	Companies Crook (Costilla Crook to boadwaters)	E /E A	12 12 1411 55	20 6 4 122		Dissaluad awasan	E /E A	202/d\ List (no TMDL in place)	
Signotion Sign	13020101 Opper Rio Grande	NIVI-2120.A_827	Comanche Creek (Costina Creek to neadwaters)	5/5A	13.12 MILES	20.6.4.123	Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TWIDE in place)	
13020101 Upper Rio Grande NM-2120 A, 830 Costilla Creek (Coborder to Diversion abv Costilla Dam) 5/5C 3.26 MilES 20.6.4.123 Aguatic Life Benthic Macroinvertebrates 5/5C 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Limited and adominent macroinvertebrate macroinve											level two sedimentation survey was not performed during the survey. Therefore,
High Quality Coldwater Against Cife Against Life 13020101 Upper Rio Grande NM-2120 A, 820 Costilla Creek (CO border to Diversion abv Costilla) S/SC Soft Miles Soft Against Life Soft Miles	13020101 Upper Rio Grande	NM-2120.A_823	Cordova Creek (Costilla Creek to headwaters)	4A	6.07 MILES	20.6.4.123	Aquatic Life	Turbidity	4A	TMDL Completed	
3020101 Upper Rio Grande											
High Quality Coldwater Aquatic Ufe Aquate Life Aquatic Li											
13020101 Upper Rio Grande NM-2120 A, 820 Costilla Creek (Diversion abv Costilla to Comanche Creek b 1,55A 19.59 MILES 20.6.4.123 Aquatic Life Senthic Macroinvertebrates 5/5C 303(d) List (no TMDL in place) were not met. Therefore, benthic macroinvertebrate impairment (IR Cat 25) class added. 13020101 Upper Rio Grande NM-2120 A, 820 Costilla Creek (Diversion abv Costilla to Comanche Creek) 5/5A 19.59 MILES 20.6.4.123 Aquatic Life Adultinum, Total Recoverable aluminum, Total Recoverable aluminum. Thermograph data indicated temerature impairment. Aquatic Life Adultinum, Total Recoverable aluminum, Total Recoverable aluminum, Total Recoverable aluminum, Thermograph data indicated temerature impairment. Therefore, temperature was relisted and aluminum was added. Therefore, ther	13020101 Upper Rio Grande	NM-2120.A_810	Costilla Creek (CO border to Diversion abv Costilla)	5/5C	3.26 MILES	20.6.4.123	Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	added as a parameter of concern.
13020101 Upper Rio Grande NM-2120.A_820 Costilla Creek (Diversion abv Costilla to Comanche Creek) S/SA 19.59 MILES 20.6.4.123 High Quality Coldwater Aquatic Life Aluminum, Total Recoverable S/SA 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Exceedences temerature impairment. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Exceedences temerature impairment. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Exceedences temerature impairment. Therefore, temperature was re-listed and aluminum was added. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Exceedences included 2/4 chronic ALU total recoverable aluminum. Theremograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum was added. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Exceedences included 2/4 chronic ALU total recoverable aluminum. Theremograph data indicated temerature impairment. Surfaced temerature impairment. Therefore, temperature was re-listed and aluminum was added. Therefore, temperature was re-lis							High Quality Coldwater				Sampled as part of the URG 2017-2018 survey. Benthic macroinvertebrate MSI thresholds
High Quality Coldwater Aquatic Life Aluminum, Total Recoverable S/5A 303(d) List (no TMDL in place) Temperature was re-listed and aluminum. Thermograph data indimidus ated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indimidus ated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and suminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and suminum. Thermograph data indicated temerature impairment. Therefore, temperature was re-listed and suminum. Thermograph data indicated temerature impairment. Therefore, temperature and DO w	13020101 Upper Rio Grande	NM-2120.A_830	Costilla Creek (Comanche Creek to Costilla Dam)	5/5C	5.07 MILES	20.6.4.123	Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	
13020101 Upper Rio Grande NM-2120.A_820 Costilla Creek (Diversion abv Costilla to Comanche Creek) 5/5A 19.59 MILES 20.6.4.123 Aquatic Life Aluminum, Total Recoverable 5/5A 303(d) List (no TMDL in place) Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temerature impairment. Therefore, temperature was re-listed and aluminum. Theremograph data indicated temerature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temerature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temerature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temerature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temerature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temperature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temperature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temperature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temperature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temperature impairment. Sampled as part of the URG 2017-2018 survey. Theremograph data indicated temperature impairment. Sond data documented Di pairment. Sond data documented Di pairment impairment.							High Quality Coldwator				
Sampled as part of the URG 2017-2018 survey. Exceedences included 2/4 chronic AU total recoverable and aluminum. Therefore, temperature impairment. 13020101 Upper Rio Grande NM-2120.A_820 Costilla Creek (Diversion abv Costilla to Comanche Creek) 5/5A 19.59 MILES 20.6.4.123 Aguatic Life Temperature 4A TMDL Completed Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Thermograph data indicated temperature impairment. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature and DO were deaded. Marginal Coldwater Aquatic Life Dissolved oxygen 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature and DO were dated. Marginal Coldwater Aquatic Life Temperature 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature and DO were dated. Marginal Coldwater Aquatic Life Temperature 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature and DO were dated. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature and DO were dated. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature and DO were dated. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature and DO were dated. Therefore, temperature was re-listed and aluminum was added. Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature and DO were dated. Therefore, nutrients were removed, and temperature and DO were dated. S	13020101 Upper Rio Grande	NM-2120.A 820	Costilla Creek (Diversion aby Costilla to Comanche Creek)	5/5A	19.59 MILES	20.6.4.123		Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	
13020101 Upper Rio Grande NM-2120.A 200 Costilla Creek (Diversion abv Costilla to Comanche Creek) 5/5A 19.59 MILES 20.6.4.123 Aquatic Life Temperature 4A TMDL Completed Therefore, temperature and part of the URG 2017-2018 survey. Thermograph data indicated temperature impairment. Sonde data documentary. Nutrient TN and PT thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were deed. 13020101 Upper Rio Grande NM-2111_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.114 Life Dissolved oxygen 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Thermograph data indicated temperature and DO were impairment. Sonde data documented DO impairment. Nutrient TN and PT thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were deaded. 13020101 Upper Rio Grande NM-2111_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.114 Life Temperature 25/5A 303(d) List (no TMDL in place) added. 13020101 Upper Rio Grande NM-2120_A 834 Fernandez Creek (Comanche Creek to headwaters) 5/5A 2.85 MILES 20.6.4.123 Aquatic Life Nutrients 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. The and elitable of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Aquatic Life Dissolved oxygen 5/5A 303(d) List (no TMDL in place) dissolved oxygen. Therefore, pH and DO were listed.											Sampled as part of the URG 2017-2018 survey. Exceedences included 2/4 chronic ALU
Sampled as part of the URG 2017-2018 survey. Thermograph data indicated temperature impairment. Sonde data documented DD impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature impairment. Sonde data documented DD impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature impairment. Sonde data documented DD impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature impairment. Sonde data documented DD impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were dated. 13020101 Upper Rio Grande NM-2111_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.114 Life Temperature 5/5A 303(d) List (no TMDL in place) and ded. 13020101 Upper Rio Grande NM-2120_A_834 Fernandez Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.124 Life Nutrients 5/5A 303(d) List (no TMDL in place) and ded. 13020101 Upper Rio Grande NM-2120_A_834 Fernandez Creek (Comanche Creek to headwaters) 5/5A 2.85 MILES 20.6.4.123 Aquatic Life Nutrients 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Aquatic Life Dissolved oxygen 5/5A 303(d) List (no TMDL in place) dissolved oxygen. Therefore, pH and DO were listed. High Quality Coldwater Aquatic Life Dissolved oxygen 5/5A 303(d) List (no TMDL in place) dissolved oxygen. Therefore, pH and DO were listed. High Quality Coldwater Aquatic Life Dissolved oxygen 5/5A 303(d) List (no TMDL in place) dissolved oxyg	12020101 Upper Bio Grando	NNA 2120 A 920	Cartilla Crack (Diversion aby Cartilla to Comanche Crack)	E /E A	10 50 MILES	20 6 4 122		Tomporaturo	44	TMDI Completed	
Impairment. Sonde data documented DO impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were added. 13020101 Upper Rio Grande NM-2111_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.114 Ufe Dissolved oxygen 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Therefore, nutrients were removed, and temperature impairment. Notinet TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature impairment. Notinet TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were impairment. Sonde data documented DO impairment. Notinet TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature impairment. Notinet TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature impairment. Notinet TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were daded. 13020101 Upper Rio Grande NM-2111_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.114 Life Temperature 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. TP and delta DO thresholds were exceeded. Therefore, nutrients were removed, and temperature and DO were daded. 13020101 Upper Rio Grande NM-2111_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.123 Aguatic Life Nutrients 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 13020101 Upper Rio Grande NM-2120.B. 12 Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 13020101 High Quality Coldwater Nutrients Nutrients Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 13020101 High Quality Coldwater	13020101 Opper kio Grande	NIVI-2120.A_820	Costina Creek (Diversion aby Costina to Comanche Creek)	3/3A	19.39 WILES	20.0.4.123	Aquatic Life	remperature	44	TWDL Completed	
13020101 Upper Rio Grande NM-2111_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.114 Ufe Dissolved oxygen 5/5A 303(d) List (no TMDL in place) added. Sampled as part of the URG 2017-2018 survey. Thermograph data indicated temperature impairment. Sonde data documented DO impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were added. The present of the URG 2017-2018 survey. Thermograph data indicated temperature impairment. Sonde data documented DO impairment. Nutrient TN and TP thresholds were not exceeded. Therefore, nutrients were removed, and temperature and DO were added. The present of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 bits of the URG 2017-2018 survey. Exceedences											impairment. Sonde data documented DO impairment. Nutrient TN and TP thresholds
Sampled as part of the URG 2017-2018 survey. Thermograph data indicated temperature impairment. Sonde data documented DO i	13020101 Unner Pio Grando	NM-2111 40	Embudo Craek (Canada de Oio Sarco to Bicuris Buchla had)	5/50	5 16 MILES	20.6.4.114		Dissolved overen	5/5/	303(d) List (no TMDL in place)	
13020101 Upper Rio Grande NM-211_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.124 Life Temperature 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 High Quality Coldwater High Quality Cold	13020101 Opper No Grande	14141-2111_40	Embado creek (Canada de Ojo Sarco to Ficuris Fueblo Brid)	3/30	3.10 WILES	20.0.4.114	Line	Dissolved Oxygen	J/JA	202(a) List (IIO TIVIDE III place)	
13020101 Upper Rio Grande NM-2111_40 Embudo Creek (Canada de Ojo Sarco to Picuris Pueblo bnd) 5/5C 5.16 MILES 20.6.4.114 Life Temperature 5/5A 303(d) List (no TMDL in place) added. Sampled as part of the URG 2017-2018 survey. TP and delta DO thresholds were exceeded. Therefore, nutrients were listed. 13020101 Upper Rio Grande NM-2120.8_124 Fernandez Creek (Comanche Creek to headwaters) 5/5A 3.82 ACRES 0.6.4.123 Aquatic Life Nutrients 5/5A 303(d) List (no TMDL in place) added. Sampled as part of the URG 2017-2018 survey. TP and delta DO thresholds were exceeded. Therefore, nutrients were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, pH and DO were listed. High Quality Coldwater Nutrients were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, pH and DO were listed. High Quality Coldwater Nutrients were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, pH and DO were listed.											impairment. Sonde data documented DO impairment. Nutrient TN and TP thresholds
13020101 Upper Rio Grande NM-2120.A_834 Fernandez Creek (Comanche Creek to headwaters) 5/5A 2.85 MilLS 2.65.4123 Aguatic Life Nutrients 5/5A 303(d) List (no TMDL in place) Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 place of the URG 2	12020101 Upper Bio G	NNA 2111 40	Embudo Crook (Canada do Oio Carso to Biguris Buchta had)	E/EC	E 16 MUSS	20 6 4 114		Tomporatura	E /E A	202(d) List (no TMDL in s!)	
13020101 Upper Rio Grande NM-2120_B34 Fernandez Creek (Comanche Creek to headwaters) 5/5A 2.85 MILES 20.6.4.123 Aquatic Life Nutrients 5/5A 303(d) List (no TMDL in place) exceeded. Therefore, nutrients were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, ph. and 10 were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, ph. and 10 were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, ph. and 10 were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, ph. and 10 were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4 dissolved oxygen. Therefore, ph. and 1/4 dissolved oxygen. Therefore, ph. and 1/4 dissolved oxygen. Therefore, ph. and 1/4 pH and 1/	13020101 Opper Kio Grande	14IVI-2111_4U	Emodeo creek (Canada de Ojo Sarco to Picuris Pueblo bhd)	3/30	3.10 WILES	20.0.4.114		remperature	J)JA	202(u) List (110 TMDL III piace)	
13020101 Upper Rio Grande NM-2120.B_12 Goose Lake 5/5A 3.82 ACRES 20.6.4.133 Aquatic Life Dissolved oxygen 5/5A 303(d) List (no TMDL in place) dissolved oxygen. Therefore, pH and DO were listed. Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4	13020101 Upper Rio Grande	NM-2120.A_834	Fernandez Creek (Comanche Creek to headwaters)	5/5A	2.85 MILES	20.6.4.123	Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	exceeded. Therefore, nutrients were listed.
High Quality Coldwater Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4	12020101 Upper Pie Grand-	NM-2120 P 12	Googa Laka	5/5^	3 93 ACREC	20.6 / 122		Dissolved overen	5/5/	202(d) List (no TMD) in place)	
13020101 Upper Rio Grande NM-2120.B 12 Goose Lake 5/5A 3.82 ACRES 20.6.4.133 Aquatic Life pH 5/5A 303(d) List (no TMDL in place) dissolved oxygen. Therefore, pH and DO were listed.	15020101 Opper Kio Grande		GUUSE LAKE	J/JA		20.0.4.133		Dissolved oxygen	5/5A	SUSTAIN FISE (NO TIMIDE IN PIACE)	Sampled as part of the URG 2017-2018 survey. Exceedences included 3/4 pH and 1/4
	13020101 Upper Rio Grande	NM-2120.B_12	Goose Lake	5/5A	3.82 ACRES	20.6.4.133	Aquatic Life	pH	5/5A	303(d) List (no TMDL in place)	

				ΔIIIR					PARAMETER		
				CATEGO		wqs	IMPAIRED DESIGNATED		(Cause) IR		
HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	RY	SIZE UNIT	REFERENCE	USE	CAUSE_NAME	CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE
											Sampled as part of the URG 2017-2018 survey. Exceedences included 3/8 E. coli. Thermograph data documented temperature impairment. Applicable turbidity thresholds
											were not exceeded. Therefore, temperature and E. coli were added, and turbidity was
13020101	Upper Rio Grande	NM-2120.A_836	Grassy Creek (Comanche Creek to headwaters)	5/5A	3.48 MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	removed.
											Sampled as part of the URG 2017-2018 survey. Exceedences included 3/8 E. coli. Thermograph data documented temperature impairment. Applicable turbidity thresholds
							High Quality Coldwater				were not exceeded. Therefore, temperature and E. coli were added, and turbidity was
13020101	Upper Rio Grande	NM-2120.A_836	Grassy Creek (Comanche Creek to headwaters)	5/5A	3.48 MILES	20.6.4.123	Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	removed.
											Sampled as part of the URG 2017-2018 survey. There were 2/3 chronic TR Al exceedences (need n>4 to list). Thermograph data documented temperature impairment. Grab data
											indicated potential turbidity (sonde data needed to verify). Nutrients were not assessed
							High Quality Coldwater		- 4		due to lack of delta DO data. Therefore, temperature remains, and turbidity was added
13020101	Upper Rio Grande	NM-2120.A_837	Holman Creek (Comanche Creek to headwaters)	5/5C	3.52 MILES	20.6.4.123	Aquatic Life	Turbidity	5/5C	303(d) List (no TMDL in place)	(IR Cat 5C). Sampled as part of the URG 2017-2018 survey. Exceedences included 2/9 E. coli and 2/4
											TR aluminum for both acute and chronic ALU. Level one and two sedimentation
											thresholds were exceeded. Thermograph data document continued temperature
13020101	1 Upper Rio Grande	NM-2120 A 839	LaBelle Creek (Comanche Creek to headwaters)	5/5A	2.94 MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	impairment. Therefore, temperature remains; and E. coli, sedimentation, and aluminum were added.
1302010	opper nio cranac	MW 222037_033	Ease of the killed and the control of the control o	5/5/1	2.54 IVICES	20.0.4.225	riquotic Eric	radininally rotal recoverable	3/3/1	Joseph List (no Twise in place)	Sampled as part of the URG 2017-2018 survey. Exceedences included 2/9 E. coli and 2/4
											TR aluminum for both acute and chronic ALU. Level one and two sedimentation
											thresholds were exceeded. Thermograph data document continued temperature impairment. Therefore, temperature remains; and E. coli, sedimentation, and aluminum
13020101	Upper Rio Grande	NM-2120.A_839	LaBelle Creek (Comanche Creek to headwaters)	5/5A	2.94 MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	were added.
											Sampled as part of the URG 2017-2018 survey. Exceedences included 2/9 E. coli and 2/4
											TR aluminum for both acute and chronic ALU. Level one and two sedimentation thresholds were exceeded. Thermograph data document continued temperature
							High Quality Coldwater				impairment. Therefore, temperature remains; and E. coli, sedimentation, and aluminum
13020101	Upper Rio Grande	NM-2120.A_839	LaBelle Creek (Comanche Creek to headwaters)	5/5A	2.94 MILES	20.6.4.123	Aquatic Life	Sedimentation/Siltation	5/5A	303(d) List (no TMDL in place)	were added.
13020101	1 Upper Rio Grande	NM-2118.A 32	North Fork Tesuque Creek (Tesuque Creek to headwaters)	5/5A	2.4 MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Exceedences include 2/4 acute and 4/4 chronic ALU TR aluminum. Therefore, aluminum was listed.
13020101	Opper Rio Grande	NIVI-2118.A_32	North Fork Tesuque Creek (Tesuque Creek to headwaters)	5/5A	2.4 WILES	20.6.4.121	High Quality Coldwater	Aluminum, Total Recoverable	5/5A	303(d) List (no TWIDE in place)	Sampled as part of the URG 2017-2018 survey. Turbidity thresholds were exceeded.
13020101	Upper Rio Grande	NM-2120.A_706	Placer Creek (Red River to headwaters)	5/5A	3.41 MILES	20.6.4.123	Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Therefore, turbidity was listed.
											TI AN
											This AU was sampled as part of the URG 2017-2018 survey. Assessable submitted data from NMED GWQB/Chevron and Amigos Bravos were included in the assessment data
											set. Although TN and delta DO nutrient thresholds were exceeded, the minimum LTD DO
							High Quality Coldwater				was greater than the applicable criterion (6.0 mg/L), so nutrient impairment is not documented. The applicable benthic macroinvertebrate index was exceeded. Therefore,
13020101	Upper Rio Grande	NM-2120.A 710	Red River (Placer Creek to East Fork Red River)	5/5C	6.01 MILES	20.6.4.123	Aquatic Life	Benthic Macroinvertebrates	5/5C	303(d) List (no TMDL in place)	nutrients was removed, and benthic macroinvertebrate impairment was added.
	эррэ:			-,					-7		
											This AU was sampled as part of the URG 2017-2018 survey. Assessable submitted data from NMED GWOB/Chevron and Amigos Brayos were collated into the assessment
											dataset. This AU remains listed for chronic total recoverable aluminum because there
											was more than one exceedence in a three-year period (2015-2017 data) within the
											assessment data timeframe. Sonde data recorded exceedences of the maximum turbidity duration thresholds. The percent sand and fines exceeded the Level One sedimentation
											threshold. Level Two data not collected so the sedimentation assessment is incomplete
											(noted as a parameter of concern with data gap). Therefore, total recoverable aluminum
											remains (IR Cat 5C), and turbidity was listed. Additional data were submitted by GEI during the public comment period for the draft 2020 Integrated List from Dec 2018, and
											July 2020 (not yet validated), sampling events. SWQB notes the downward trend in the
											total recoverable aluminum concentrations at certain water quality stations from 2014 to
											2020, and an upstream to downstream increase in concentration in the Red River through the CMI Questa Mine site is also documented. Since water quality appears to be
											improving based on the most recent available data, the aluminum impairment is noted as
											IR Category 5C. This assessment unit will be re-assessed for aluminum for the draft 2022
13020101	Upper Rio Grande	NM-2119_10	Red River (Rio Grande to Placer Creek)	5/5A	21.16 MILES	20.6.4.122	Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	Integrated List.
13020101	1 Upper Rio Grande	NM-2118.A 40	Rio Chupadero (USFS bnd to headwaters)	5/5A	6.05 MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Sedimentation/Siltation	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Level One and Two sedimentation thresholds were exceeded. Therefore, sedimentation was listed.
13020101	- ppc: 1110 Grande	2220.8_40	Sp.deto (ost 5 ond to neddwaters)	5,50	U.UU IVIILLU	_0.0.7.121	quare circ	222.mentation/Jillation	3/3/	(a) cos (no rivide in place)	Sampled as part of URG 2017-2018 survey. Accessible only by lengthy hike (n<4). There
									1		were 1/3 acute TR aluminum exceedences. Level One and Two sedimentation thresholds
13020101	1 Upper Rio Grande	NM-2118.A_42	Rio en Medio (Aspen Ranch to headwaters)	5/5A	3.09 MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Sedimentation/Siltation	5/5A	303(d) List (no TMDL in place)	were exceeded. Therefore, sedimentation was listed. Aluminum was added as a parameter of concern.
13020101	оррег по огапае	NW-2110.A_42	ino en Medio (Aspen Nanci to Headwaters)	J/ J/K	3.03 WILES	20.0.4.121	Aquatic Life	Sedimentation/Siltation	3/3/	303(d) Eist (110 TWIDE III place)	parameter of concern.
											Sampled as part of the 2017-2018 URG survey. Assessable data submitted from Amigos
									1		Bravos were collated into the assessment dataset. The existing E. coli, SC, and temperature listings were confirmed. Turbidity grab data indicate potential impairment
									1		(sonde data needed to confirm). A Level Two sedimentation survey did not exceed the
									1		applicable threshold. The median TN and TP values did not exceed the applicable
1202012	L Upper Rio Grande	NINA 2120 A 512	Rio Fernando de Taos (R Pueblo d Taos to USFS bnd at canyon)	5/5C	5.21 MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Turbidity	5/5C	202(d) List (no TMD) in also	thresholds. Therefore, E. coli, SC, and temperature remain listed; sedimentation and nutrients were removed: and turbidity was added (SC).
13020101	opper Kio Grande	NIVI-212U.A_512	NIO FETHARIOO DE TAOS (K PUEDIO D TAOS TO USES DRO AT CANYON)	5/5C	5.21 MILES	20.0.4.123	Aquatic Life	rurblaity	5/50	303(d) List (no TMDL in place)	nutrients were removed; and turbidity was added (SC).
											Sampled as part of the 2017-2018 URG survey. Assessable data submitted from Amigos
							High Coults Caldons		1		Bravos were collated into the assessment dataset. Exceedences included 0/12 E. coli and
13020101	1 Upper Rio Grande	NM-2120.A 513	Rio Fernando de Taos (UFSF bnd at canyon to Tienditas Creek)	5/5A	11.54 MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Specific Conductance	5/5A	303(d) List (no TMDL in place)	6/7 specific conductance. Thermograph data indicate temperature impairment. Therefore, specific conductance and temperature were added, and E. coli was removed.
13020101	- ppc:o Grande	2220.A_313		5,50	12.54 WILLS	_0.0.7.123	quadre circ	apatine conductance	3/ 3/ 1	(a) cos (no rivide in place)	
									1		Sampled as part of the 2017-2018 URG survey. Assessable data submitted from Amigos
							High Quality Coldwater		1		Bravos were collated into the assessment dataset. Exceedences included 0/12 E. coli and 6/7 specific conductance. Thermograph data indicate temperature impairment.
13020101	Upper Rio Grande	NM-2120.A 513	Rio Fernando de Taos (UFSF bnd at canyon to Tienditas Creek)	5/5A	11.54 MILES	20.6.4.123	Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Therefore, specific conductance. Information data indicate temperature impairment. Therefore, specific conductance and temperature were added, and E. coli was removed.
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				AU IR						PARAMETER		
				CATEGO	WATER		wqs	IMPAIRED DESIGNATED		(Cause) IR		
HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	RY	SIZE	UNIT	REFERENCE	USE	CAUSE_NAME	CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE Sampled as part of the 2017-2018 URG survey. Exceedences included 2/2 E. coli (need
												n>=4 to list), and 1/4 TR aluminum. Sonde data document turbidity threshold
12020101	L Upper Rio Grande	NM-2118.A 60	Rio Frijoles (Rio Medio to Pecos Wilderness)	5/5A	15.21	5 MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	exceedences. Therefore, turbidity was listed. E. coli was added as a parameter of concern.
13020101	Upper Rio Grande	NW-2118.A_60	Rio Frijoles (Rio Medio to Pecos Wilderness)	5/5A	15.3	5 IVIILES	20.6.4.121	Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	concern.
												Sampled as part of the 2017-2018 Upper Rio Grande survey. This dual ALU stream reach
												remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through six day SEV turbidity thresholds, and 4/10 grab
												turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that
								Marginal Coldwater Aquatic				covers this AU. There are DDT and mercury consumption advisories.
13020101	Upper Rio Grande	NM-2111_10	Rio Grande (Ohkay Owingeh bnd to Embudo Creek)	5/5C	14.0	7 MILES	20.6.4.114	Life	DDT - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	
												Sampled as part of the 2017-2018 Upper Rio Grande survey. This dual ALU stream reach
												remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through six day SEV turbidity thresholds, and 4/10 grab
												turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that
												covers this AU. There are DDT and mercury consumption advisories.
13020101	Upper Rio Grande	NM-2111_10	Rio Grande (Ohkay Owingeh bnd to Embudo Creek)	5/5C	14.0	7 MILES	20.6.4.114	Warmwater Aquatic Life	DDT - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	
												Sampled as part of the 2017-2018 Upper Rio Grande survey. This dual ALU stream reach
												remains listed for turbidity due to the absence of an applicable de-listing methodology,
												exceedences of the three through six day SEV turbidity thresholds, and 4/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that
									Mercury - Fish Consumption			covers this AU. There are DDT and mercury consumption advisories.
13020101	Upper Rio Grande	NM-2111_10	Rio Grande (Ohkay Owingeh bnd to Embudo Creek)	5/5C	14.0	7 MILES	20.6.4.114	Life	Advisory	5/5C	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. There were 2/5 pH exceedences.
												Thermograph data document temperature impairment. Therefore, temperature and pH
13020101	Upper Rio Grande	NM-2119_00	Rio Grande (Rio Pueblo de Taos to Red River)	5/5A	23.29	9 MILES	20.6.4.122	Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	(5C) were listed.
												Sampled as part of the URG 2017-2018 survey. There were 2/5 pH exceedences. Thermograph data document temperature impairment. Therefore, temperature and pH
13020101	Upper Rio Grande	NM-2119_00	Rio Grande (Rio Pueblo de Taos to Red River)	5/5A	23.29	9 MILES	20.6.4.122	Coldwater Aquatic Life	pH	5/5C	303(d) List (no TMDL in place)	(5C) were listed.
												Sampled as part of the 2017-2018 Upper Rio Grande survey. Thermograph data document
												temperature impairment. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through
												six day SEV turbidity thresholds, and 2/4 grab turbidity measurements > 50 NTU.
									Mercury - Fish Consumption			Therefore, turbidity remains and temperature was added. There is no longer PCB fish
13020101	Upper Rio Grande	NM-2111_11	Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bnd)	5/5A	0.69	9 MILES	20.6.4.114	Life	Advisory	5/5C	303(d) List (no TMDL in place)	consumption advisory that covers this AU. There is a fish consumption advisory for mercury.
			, , ,								,	Sampled as part of the 2017-2018 Upper Rio Grande survey. Thermograph data document
												temperature impairment. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology, exceedences of the three through
												six day SEV turbidity thresholds, and 2/4 grab turbidity measurements > 50 NTU.
												Therefore, turbidity remains and temperature was added. There is no longer PCB fish
13020101	Upper Rio Grande	NM-2111 11	Rio Grande (Santa Clara Pueblo bnd to Ohkay Owingeh bnd)	5/5A	0.69	9 MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	consumption advisory that covers this AU. There is a fish consumption advisory for mercury.
												Sampled as part of the URG 2017-2018 survey. E. coli, temperature, and SC impairment
								High Quality Coldwater				was confirmed. The TN and TP medians did not exceed nutrient thresholds. Sonde data indicate DO impairment. Therefore, nutrients was changed to DO; and the E. coli,
13020101	Upper Rio Grande	NM-2120.A_501	Rio Grande del Rancho (R Pueblo de Taos to Rito de la Olla)	5/5A	10.57	7 MILES	20.6.4.123	Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	temperature, and SC impairments remain.
												Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. Sonde data exceeded turbidity thresholds. There were 2/4
												chronic ALU TR aluminum and 1/2 chronic dissolved lead exceedences. Therefore,
				- 1				High Quality Coldwater				temperature, turbidity, and aluminum were listed. Lead was noted as a parameter of
13020101	Upper Rio Grande	NM-2118.A_53	Rio Medio (Rio Frijoles to headwaters)	5/5A	17.8	8 MILES	20.6.4.121	Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	concern. Sampled as part of the URG 2017-2018 survey. Thermograph data documented
												temperature impairment. Sonde data exceeded turbidity thresholds. There were 2/4
								High Quality Coldwater				chronic ALU TR aluminum and 1/2 chronic dissolved lead exceedences. Therefore, temperature, turbidity, and aluminum were listed. Lead was noted as a parameter of
13020101	Upper Rio Grande	NM-2118.A_53	Rio Medio (Rio Frijoles to headwaters)	5/5A	17.8	8 MILES	20.6.4.121	Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	concern.
												Sampled as part of the URG 2017-2018 survey. Thermograph data documented
												temperature impairment. Sonde data exceeded turbidity thresholds. There were 2/4 chronic ALU TR aluminum and 1/2 chronic dissolved lead exceedences. Therefore,
								High Quality Coldwater				temperature, turbidity, and aluminum were listed. Lead was noted as a parameter of
13020101	Upper Rio Grande	NM-2118.A_53	Rio Medio (Rio Frijoles to headwaters)	5/5A	17.8	8 MILES	20.6.4.121	Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	concern.
13020101	L Upper Rio Grande	NM-2118.A 43	Rio Nambe (Nambe Pueblo bnd to headwaters)	5/5A	9.2	3 MILES	20.6.4.121	High Quality Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the URG 2017-2018 survey. Thermograph data documented temperature impairment. Therefore, temperature was listed.
				-,	3.2.			4	- p - 2000		, and the same proces	Sampled as part of the URG 2017-2018 survey. Thermograph data documented
								High Quality Coldwator				temperature impairment. There were 2/6 chronic ALU TR aluminum exceedences. TN and
13020101	Upper Rio Grande	NM-2120.A_410	Rio Pueblo (Picuris Pueblo bnd to headwaters)	5/5A	20.44	4 MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	TP medians did not exceed nutrient thresholds. Therefore, temperature and aluminum were listed, and nutrients was removed.
												Sampled as part of the URG 2017-2018 survey. Thermograph data documented
		1						High Quality Coldwater				temperature impairment. There were 2/6 chronic ALU TR aluminum exceedences. TN and TP medians did not exceed nutrient thresholds. Therefore, temperature and aluminum
13020101	Upper Rio Grande	NM-2120.A_410	Rio Pueblo (Picuris Pueblo bnd to headwaters)	5/5A	20.44	4 MILES	20.6.4.123	Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	were listed, and nutrients was removed.
												Sampled as part of the 2017-2018 URG survey. Thermograph data confirm the
		1										temperature listing. Although sonde data indicate DO impairment, TN and TP medians
		L										did not exceed nutrient thresholds. Sonde data exceeded turbidity thresholds. Therefore,
13020101	Upper Rio Grande	NM-2119_20	Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)	5/5A	2.3	8 MILES	20.6.4.122	Coldwater Aquatic Life	Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	temperature remains, nutrients was changed to DO, and turbidity was added.

				AU IR						PARAMETER		
HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	CATEGO RY	WATER SIZE	SIZE UNIT	WQS REFERENCE	IMPAIRED DESIGNATED USE	CAUSE_NAME	(Cause) IR CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE
		_	-									Sampled as part of the 2017-2018 URG survey. Thermograph data confirm the
												temperature listing. Although sonde data indicate DO impairment, TN and TP medians
13020101	Upper Rio Grande	NM-2119_20	Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)	5/5A	2.38	MILES	20.6.4.122	Coldwater Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	did not exceed nutrient thresholds. Sonde data exceeded turbidity thresholds. Therefore, temperature remains, nutrients was changed to DO, and turbidity was added.
			,								,	Sampled as part of the 2017-2018 URG survey. Exceedences included 6/9 E. coli and 2/6
13020101	Upper Rio Grande	NM-2120.A_120	Rio Quemado (Rio Arriba Cnty bnd to headwaters)	5/5A	16.34	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	chronic ALU TR aluminum. A 2019 sedimentation survey does not indicate impairment. Therefore, E. coli and aluminum were listed.
												Sampled as part of the 2017-2018 URG survey. Exceedences included 6/9 E. coli and 2/6 chronic ALU TR aluminum. A 2019 sedimentation survey does not indicate impairment.
13020101	Upper Rio Grande	NM-2120.A_120	Rio Quemado (Rio Arriba Cnty bnd to headwaters)	5/5A	16.34	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Therefore, E. coli and aluminum were listed.
								High Quality Coldwater				Sampled as part of the 2017-2018 URG survey. Exceedences included 6/9 E. coli and 2/6
13020101	Upper Rio Grande	NM-2118.A_52	Rio Quemado (Santa Cruz River to Rio Arriba Cnty bnd)	5/5A	3.84	MILES	20.6.4.121	Aquatic Life High Quality Coldwater	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	chronic ALU TR aluminum. Therefore, E. coli remains and aluminum was listed. Sampled (limited, n=3) as part of the 2017-2018 URG survey. Sonde data exceeded
13020101	Upper Rio Grande	NM-2120.A_822	Sanchez Canyon (Costilla Creek to headwaters)	5/5A	6.32	MILES	20.6.4.123	Aquatic Life	Turbidity	5/5A	303(d) List (no TMDL in place)	turbidity thresholds. Therefore, turbidity was listed.
												Sampled as part of the 2017-2018 URG survey. Exceedences include 2/4 E. chronic ALU TR aluminum. A temperature grab data point (23,74 degrees F) confirms continued
												temperature impairment. Excessive levels of total phosphorus, chlorophyll a, %
13020101	Upper Rio Grande	NM-2118.B 00	Santa Cruz Lake	5/5A	92.95	ACRES	20.6.4.121	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	cyanobacteria, and low DO indicate nutrient impairment. Therefore, temperature remains, and aluminum and nutrients were listed.
												Sampled as part of the 2017-2018 URG survey. Exceedences include 2/4 E. chronic ALU TR aluminum. A temperature grab data point (23.74 degrees F) confirms continued
												temperature impairment. Excessive levels of total phosphorus, chlorophyll a, %
13020101	. Upper Rio Grande	NM-2118.B_00	Santa Cruz Lake	5/5A	92 95	ACRES	20.6.4.121	High Quality Coldwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	cyanobacteria, and low DO indicate nutrient impairment. Therefore, temperature remains, and aluminum and nutrients were listed.
13020101	оррег по стапсе	IVIV-2110.D_00	Janto Ciuz Lake	JJJK	32.33	ACILLO	20.0.4.121	Aquatic Life	Nutrients	3/3K	303(d) Est (no Twise in place)	
												Sampled as part of the 2017-2018 URG survey. Exceedences include 2/6 chronic ALU TR aluminum and 0/13 E. coli. Thermograph data document continued temperature
								Marginal Coldwater Aquatio				impairment. A 2019 sedimentation survey does not indicate impairment. Therefore,
13020101	Upper Rio Grande	NM-2111_50	Santa Cruz River (Santa Clara Pueblo bnd to Santa Cruz Dam)	5/5A	8.37	MILES	20.6.4.114	Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	temperature remains, E. coli was removed, and and aluminum was listed. Sampled as part of the 2017-2018 URG survey. Exceedences include 2/4 chronic ALU TR
								High Quality Coldwater				aluminum and 1/2 chronic dissolved lead. Thermograph data document temperature impairment. Therefore, temperature and aluminum were listed, Lead is noted as a
13020101	Upper Rio Grande	NM-2118.A_51	Santa Cruz River (Santa Cruz Reservoir to Rio en Medio)	5/5A	1.01	MILES	20.6.4.121	Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	parameter of concern.
												Sampled as part of the 2017-2018 URG survey. Exceedences include 2/4 chronic ALU TR aluminum and 1/2 chronic dissolved lead. Thermograph data document temperature
42020404	. Upper Rio Grande			5/5A		MILES	20.6.4.121	High Quality Coldwater		5/5A	202/11/11/1/ 72/01/11	impairment. Therefore, temperature and aluminum were listed. Lead is noted as a
13020101	Opper Rio Grande	NW-2118.A_51	Santa Cruz River (Santa Cruz Reservoir to Rio en Medio)	-,			20.6.4.121	Aquatic Life	Temperature	5,5	303(d) List (no TMDL in place)	parameter of concern. Sampled as part of the 2017-2018 URG survey. There were 2/4 E. coli exceedences.
13020101	Upper Rio Grande	NM-2120.A_821	Ute Creek (Costilla Creek to headwaters)	5/5A	9.01	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Therefore, E. coli was listed.
												Sampled as part of the 2017-2018 URG survey. Exceedences include 2/8 E. coli and 2/7
												chronic ALU TR aluminum. Thermograph data confirmed temperature impairment. Sonde data documented DO impairment (nutrient impairment was not documented). Therefore,
12020101	. Upper Rio Grande	NM-2120 A 941	Vidal Creek (Comanche Creek to headwaters)	5/5A	5 95	MILES	20.6.4.123	High Quality Coldwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	temperature remains; and E. coli, aluminum and DO were added.
13020101	оррег но стансе	NIVI-2120.A_041	Vidar creek (committee creek to headwaters)	J/ J/K	5.05	IVIILLO	20.0.4.123	Aquatic Life	Administr, rotal Recoverable	5/5/	303(d) Elst (no Twibe in place)	
												Sampled as part of the 2017-2018 URG survey. Exceedences include 2/8 E. coli and 2/7 chronic ALU TR aluminum. Thermograph data confirmed temperature impairment. Sonde
								High Quality Coldwater				data documented DO impairment (nutrient impairment was not documented). Therefore, temperature remains; and E. coli, aluminum and DO were added.
13020101	Upper Rio Grande	NM-2120.A_841	Vidal Creek (Comanche Creek to headwaters)	5/5A	5.85	MILES	20.6.4.123		Dissolved oxygen	5/5A	303(d) List (no TMDL in place)	temperature remains, and c. con, administration by were added.
												Sampled as part of the 2017-2018 URG survey. Exceedences include 2/8 E. coli and 2/7
												chronic ALU TR aluminum. Thermograph data confirmed temperature impairment. Sonde
												data documented DO impairment (nutrient impairment was not documented). Therefore, temperature remains; and E. coli, aluminum and DO were added.
13020101	Upper Rio Grande	NM-2120.A_841	Vidal Creek (Comanche Creek to headwaters)	5/5A	5.85	MILES	20.6.4.123	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	
												Sampled as part of the 2017-2018 Upper Rio Grande survey. Assessable 2015-2019 data
												from LANL and NMED DOEOB were downloaded from Intellus and collated into the
												assessment dataset. Exceedences include 0/14 ALU HH dissolved thallium, 0/17 TR selenium, 0/12 total cyanide, 0/14 dissolved aluminum (irrigation WQC), 2/7 chronic ALU
												TR aluminum, 5/17 gross alpha, and 6/23 PCBs (HH WQC; 0/23 WH WQC). 2015-2019 data and associated data quality information provided by Buckman Direct Diversion staff
												were also reviewed and considered. Although this data set does not currently meet the
												quality review requirements necessary to fully incorporate the data into the assessment dataset, there were several documented total selenium during storm events that warrant
												a continuation of this listing at this time (under IR Category 5C). SWQB thermograph
												data documented exceedences of both the 6T3 and Max Temp criteria. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing
												methodology and 6/10 grab turbidity measurements > 50 NTU. There is no longer PCB
												fish consumption advisory that covers this AU. There is a fish consumption advisory for mercury. Therefore, turbidity (5C), gross alpha, PCBs (HH), selenium (5C), and mercury in
13020201	Rio Grande-Santa Fe	NM-2111 00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	5/5A	18 7	MILES	20.6.4.114	Marginal Coldwater Aquation	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	fish tissue remain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish tissue were removed; and temperature and total recoverable aluminum were added.
15020201	Stande Santa Te	2111_00	pro- and a service of the service of	1-7-511	1 20.2		_0.0.4.224			1-1-21	(-) est (no timbe in place)	and temperature and total recoverable diaminum were added.

				AU IR						PARAMETER		
				CATEGO		J	wqs	IMPAIRED DESIGNATED		(Cause) IR		
HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	RY	SIZE	UNIT	REFERENCE	USE	CAUSE_NAME	CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE
13020201	Rio Grande-Santa Fe	NM-2111_00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	5/5A	18.	2 MILES	20.6 4.114		Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Assessable 2015-2019 data from LANL and MMED DOEOB were downloaded from Intellus and collated into the assessment dataset. Exceedences include 0/14 ALU HH dissolved thallium, 0/17 TR selenium, 0/12 total cyanide, 0/14 dissolved aluminum (irrigation WCC), 2/7 chronic ALU RI dismonum, 5/17 gross alpha, and 6/23 PCBs (HH WQC; 0/23 WH WQC). 2015-2019 data and associated data quality information provided by Buckman Direct Diversion staff were also reviewed and considered. Although this data set does not currently meet the quality review requirements necessary to fully incorporate the data into the assessment dataset, there were several documented total selenium during storm events that warrant a continuation of this listing at this time (under IR Category SC). SWQB thermograph data documented exceedences of both the 6T3 and Max Temp criteria. This dual ALU stream reach remains listed for trubfidity due to the absence of an applicable de-listing methodology and 6/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this AU. There is a fish consumption advisory of the covers this AU. There is a fish consumption advisory of the covers this AU. There is a fish consumption advisory of the covers this AU. There is a fish consumption advisory of the covers this AU. There is a fish consumption advisory of the received in the review of the discovered belaining (SC), and mercury in fish tissue remain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish tissue eremain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish tissue eremain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish
13020201	Rio Grande-Santa Fe	NM-2111_00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	5/5A	18.	2 MILES	20.6.4.114		Mercury - Fish Consumption Advisory	5/SC	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Assessable 2015-2019 data from LANL and NMED DDEOB were downloaded from intellus and collated into the assessment dataset. Exceedences include 0/14 ALU HH dissolved thallium, 0/17 TR selenium, 0/12 total cyanide, 0/14 dissolved aluminum (ringraion WQC), 2/7 chronic ALU TR aluminum, 5/17 gross alpha, and 6/23 PCBs (HH WQC; 0/23 WH WQC). 2015-2019 data and associated data quality information provided by Buckman Direct Diversion staff were also reviewed and considered. Although this data set does not currently meet the quality review requirements necessary to fully incorporate the data into the assessment dataset, there were several documented total selenium during storm events that warrant a continuation of this listing at this time (under IR Category SC). SWOB thermograph data documented exceedences of both the 673 and Max Temp criteria. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology and 6/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory for mercury. Therefore, turbidity (SC), gross alpha, PCBs (HH), elsenium (SC), and mercury in fish tissue remain; and cyanide, dissolved aluminum, dissolved thallium, and PCBs in fish tissue were removed; and temperature and total recoverable aluminum were added.
13020201	Rio Grande-Santa Fe	NM-2111_00	Rio Grande (Cochiti Reservoir to San Ildefonso bnd)	5/5A	18.	2 MILES	20.6.4.114	Marginal Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 Upper Rio Grande survey. Assessable 2015-2019 data from LANL and NMED DOEOB were downloaded from Intellus and collated into the assessment dataset. Exceedences include 0/14 ALU HH dissolved thallium, 0/17 RR selenium, 0/12 total cyanide, 0/14 dissolved aluminum (irrigation WOC), 2/7 chronic ALU Ra luminum, 6/12 total cyanide, 0/14 dissolved aluminum (irrigation WOC), 2/7 chronic ALU Ra luminum, 6/12 gross alpha, and 6/23 PGB (HH WOC), 0/23 WH WOC). 2015-2019 data and associated data quality information provided by Buckman Direct Diversion staff were also reviewed and considered. Although this data set does not currently meet the quality review requirements necessary to fully incorporate the data into the assessment dataset, there were several documented total selenium during storm events that warrant a continuation of this listing at this time (under IR Category SC). SW08 thermograph data documented exceedences of both the 673 and Max Temp criteria. This dual ALU stream reach remains listed for turbidity due to the absence of an applicable de-listing methodology and 6/10 grab turbidity measurements > 50 NTU. There is no longer PCB fish consumption advisory that covers this ALU. There is a fish consumption advisory for mecrury. Therefore, turbidity (SC), gross alpha, PCBs (HH), selenium (SC), and mercury in fish tissue were removed; and temperature and total recoverable aluminum, were added.
4000000	Rio Grande-						20.5.1405	Marginal Warmwater	Mercury - Fish Consumption	5/50		E. coil data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 10/16 exceedences of the applicable single sample E. coil criterion were documented at station SW6_VDO. Therefore, E. coil remains a cause of impairment. In addition, there were 13/14 E. coil exceedences in MRG TAG data submitted during the Response to Comments on the draft integrated List, 9/10/20. There
13020203	Albuquerque	NM-2105_50	Rio Grande (Isleta Pueblo boundary to Tijeras Arroyo)	5/5A	5.14	4 MILES	20.6.4.105	Aquatic Life	Advisory	5/5C	303(d) List (no TMDL in place)	is a new fish consumption advisory for mercury. E. coil data were collected from July 2017 through May 2018 as part of a Cuidad Soil and
13020203	Rio Grande- Albuquerque	NM-2105.1_00	Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge)	5/5A	12.13	2 MILES	20.6.4.106	Primary Contact	E. coli	4A	TMDL Completed	e. Con data were Collected from July 2017 Infloyin May 2018 as part of a Cluidas Sorial May Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 3/16 exceedences of the applicable single sample E. coli criterion were documented at station SW2_WINIOWC, 2/16 were documented at station SW3_USNDC, and 4/16 were documented at station SW4_Alameda. Therefore, E. coli was re-listed as a cause of impairment. There is a new fish consumption advisory for mercury. E. coli data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 3/16 exceedences of the applicable single sample E. coli criterion were documented at station SW2_WINIOWC, 2/16 were documented at station SW3_WINIOWC, 2/16 wer
13020203	Rio Grande- Albuquerque	NM-2105.1_00	Rio Grande (non-pueblo Alameda Bridge to HWY 550 Bridge)	5/5A	12.1	2 MILES	20.6.4.106	Marginal Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	SW3_USNDC, and 4/16 were documented at station SW4_Alameda. Therefore, E. coli was re-listed as a cause of impairment. There is a new fish consumption advisory for mercury.

				AU IR						PARAMETER		
HUC EIGHT	HUC EIGHT NAME	AU ID	AU NAME	CATEGO RY	WATER SIZE	SIZE UNIT	WQS REFERENCE	IMPAIRED DESIGNATED USE	CAUSE_NAME	(Cause) IR CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE
	Rio Grande- Albuquerque		Rio Grande (non-pueblo HWY 550 Bridge to Angostura Div)	4A		L MILES		Primary Contact	E. coli	4A	TMDL Completed	E. coil data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 3/16 exceedences of the applicable single sample E. coll criterion were documented at station SW1_USBridge. Therefore, E. coll was re-listed as a cause of impairment. In addition, there were 1/7 E. coll exceedences in MRG TAG data submitted during the Response to Comments on the draft Integrated List, 9/10/20.
	Rio Grande-											E. coil data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 8/16 exceedences of the applicable single sample E. coll criterion were documented at station SMS_Central. Therefore, E. coll was re-listed as a cause of
13020203	Albuquerque	NM-2105_51	Rio Grande (Tijeras Arroyo to Alameda Bridge)	5/5C	15.6	MILES	20.6.4.105	Primary Contact	E. coli	4A	TMDL Completed	impairment. There is a new fish consumption advisory for mercury.
13020203	Rio Grande- Albuquerque	NM-2105_51	Rio Grande (Tijeras Arroyo to Alameda Bridge)	5/5C	15.€	MILES	20.6.4.105	Marginal Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	E. coil data were collected from July 2017 through May 2018 as part of a Cuidad Soil and Water Conservation Service project to characterize bacterial impairment and regrowth in the Middle Rio Grande. 8/16 exceedences of the applicable single sample E. coli criterion were documented at station SWS_Central. Therefore, E. coli was re-listed as a cause of impairment. There is a new fish consumption advisory for mercury. Long-term temperature data collected by Pathfinder Environmental during 2017-2018
								High Quality Coldwater				exceeded both the maximum criteria of 23.0 degrees Celsius and the 4T3 of 20.0 degrees Celsius. Therefore, temperature was added as a cause of impairment.
13060001	Pecos Headwaters	NM-2214.A_002	Pecos River (Alamitos Canyon to Jack's Creek)	5/5A	21.83	MILES	20.6.4.217	Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	, , , , , , , , , , , , , , , , , , ,
13060011	Upper Pecos-Black	NM-2205_00	Brantley Reservoir	5/5C	1602.54	ACRES	20.6.4.205	Warmwater Aquatic Life	Mercury - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	The fish consumption advisory for mercury was reinstated, and there are documented mercury levels in 2015 fish itsue data greater than the methylmercury criterion of 0.3 mg/kg. Methylmercury is a subset of total mercury (i.e., total mercury is a more conservative value). Therefore, this AU was re-listed for Mercury - Fish Consumption Advisory.
									Mercury - Fish Consumption			The Mercury - Fish Tissue Advisory and DDT- Fish Tissue Advisory in effect for Brantley Reservoir also apply to the Pecos River within the Brantley Wildliffe Management Unit per the current NM Fish Consumption Advisories. Therefore, Mercury -Fish Tissue Advisory
13060011	Upper Pecos-Black	NM-2204.A_00	Pecos River (Avalon Reservoir to Brantley Reservoir)	5/5C	10.77	MILES	20.6.4.204	Warmwater Aquatic Life	Advisory	5/5C	303(d) List (no TMDL in place)	was add to this AU. The new DDT - Fish Consumption Advisory is due to the 2020 fish consumption advisory
13060011	Upper Pecos-Black	NM-2202.A_00	Pecos River (Black River to Six Mile Dam)	5/5A	16.59	MILES	20.6.4.202	Warmwater Aquatic Life	DDT - Fish Consumption Advisory	5/5C	303(d) List (no TMDL in place)	for DDT.
	Upper Pecos-Black Upper Pecos-Black	NM-2202.A_01	Pecos River (Six Mile Dam to Lower Tansil Lake) Pecos River (TX border to Black River)	5/5C		MILES	20.6.4.202	Warmwater Aquatic Life Warmwater Aquatic Life	DDT - Fish Consumption Advisory DDT - Fish Consumption Advisory	5/5C 5/5C	303(d) List (no TMDL in place)	The USGS High Res layer does not include a polygon for Six Mile Dam Lake. The lower end of this upper river AU was extended to the diversion dam. The new DDT - Fish Consumption Advisory is due to the 2020 fish consumption advisory for DDT. The new DDT - Fish Consumption Advisory is due to the 2020 fish consumption advisory for DDT.
	Upper San Juan		Gallegos Canyon (San Juan River to Navajo bnd)	5/5A	0.65	MILES		Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled by SWQB during the 2017-2018 San Juan River basin survey. Assessable EPA data were also collated into the dataset. Exceedences included 3/6 E. coli and 3/3 total selenium. Thermograph data documented temperature impairment. Therefore, temperature and E. coli were added, and selenium remains.
14080101	Upper San Juan	NIM-9000 A 060	Gallegos Canyon (San Juan River to Navajo bnd)	5/5A	0.69	MILES	20.6.4.99	Warmwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	Sampled by SWQB during the 2017-2018 San Juan River basin survey. Assessable EPA data were also collated into the dataset. Exceedences included 3/6 E. coli and 3/3 total selenium. Thermograph data documented temperature impairment. Therefore, temperature and E. coli were added, and selenium remains.
												Sampled during the 2017-2018 SJR watershed survey. Thermograph data documented
14080101	Upper San Juan	NM-2407.A_10	Los Pinos River (Navajo Reservoir to CO border)	5/5A	1.37	MILES	20.6.4.407	Coldwater Aquatic Life	Temperature	5/5A	303(d) List (no TMDL in place)	temperature impairment. Therefore, temperature was listed.
14080101	Upper San Juan	NM-2407.A_00	Navajo River (Jicarilla Apache Nation to CO border)	5/5B	5.88	3 MILES	20.6.4.407	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled during the 2017-2018 SIR watershed survey. Exceedences include 2/10 E. coli, 4/10 total phosphorus, and 9/10 turbidity grab screening (a long-term data set [LTD] from a continuous monitoring device is necessary to confirm the turbidity listing before proceeding to TMDL scheduling per SWQB listing methodologies). Thermograph data document continued temperature impairment. Therefore, temperature remains, and E. coli, total phosphorus, and turbidity (IR Cat 5C) were added. Fisheries data indicate coolwater may be a more appropriate ALU — WQS review needed.
14080101	Upper San Juan	NM-2407.A 00	Navajo River (Jicarilla Apache Nation to CO border)	5/5B	5.88	B MILES	20.6.4.407	Coldwater Aquatic Life	Phosphorus, Total	5/5A	303(d) List (no TMDL in place)	Sampled during the 2017-2018 SIR watershed survey. Exceedences include 2/10 E. coli, 4/10 total phosphorus, and 9/10 turbidity grab screening (a long-term data set [LTD] from a continuous monitoring device is necessary to confirm the turbidity listing before proceeding to TMDL scheduling per SWQB listing methodologies). Thermograph data document continued temperature impairment.Therefore, temperature remains, and E. coli, total phosphorus, and turbidity (IR Cat SC) were added. Fisheries data indicate coolwater may be a more appropriate ALU – WOS review needed.
	Upper San Juan		Navajo River (Jicarilla Apache Nation to CO border)	5/5B		3 MILES		Coldwater Aquatic Life	Turbidity	5/5C	303(d) List (no TMDL in place)	Sampled during the 2017-2018 SJR watershed survey. Exceednces include 2/10 E. coli, 4/10 total phosphorus, and 9/10 turbidity grab screening (a long-term data set [LTD] from a continuous monitoring device is necessary to confirm the turbidity listing before proceeding to TMDL scheduling per SWDB listing methodologies). Thermograph data document continued temperature impairment. Therefore, temperature remains, and E. coli, total phosphorus, and turbidity (IR Cat SC) were added. Fisheries data indicate coolwater may be a more appropriate ALU — WOS review needed.
	Upper San Juan		San Juan River (NM reach upstream of Navajo Reservoir)	5/5A		MILES		Warmwater Aquatic Life	Aluminum, Total Recoverable	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 San Juan River watershed survey. Exceedences include 2/5 E. coli and chronic ALU TR aluminum. Therefore, E. coli and aluminum were listed.

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HUC EIGHT	HUC EIGHT NAME	AU_ID	AU_NAME	RY	SIZE	UNIT	REFERENCE	USE	CAUSE_NAME	CATEGORY	STATUS	2020 IR ASSESSMENT RATIONALE
14080101	Upper San Juan	NM-2405_11	San Juan River (NM reach upstream of Navajo Reservoir)	5/5A	0.5	5 MILES	20.6.4.99	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 San Juan River watershed survey. Exceedences include 2/5 E. coli and chronic ALU TR aluminum. Therefore, E. coli and aluminum were listed.
14080104	Animas	NM-2404_00	Animas River (Estes Arroyo to So. Ute Indian Tribe bnd)	5/5A	19.	4 MILES	20.6.4.404	Coolwater Aquatic Life	Lead, Dissolved	5/5C	303(d) List (no TMDL in place)	Sampled by SWQB during the 2017-2018 San Juan River basin survey, as well as during Gold King related 2015-2016 study. Assessable USGS and EPA data were also collated into the dataset. At stations blw CO state line and abv Estes Arroyo, respectively, exceedences included and 2/9 and 2/8 segment-specific total phosphorus; and 1/10 and 0/9 E. coil. There were 2/24 dissolved lead chronic ALU at the station abv Estes Arroyo (both exceedences were in EPA's 2019 spring runoff dataset). Total nitrogen and delta DO thresholds were exceeded. There are no thermograph data available to assess temperature, and the current turbidity LM does not apply to coolwater ALU. Therefore, total phosphorus, temperature, and turbidity remain; E. coli was removed; and nutrients and lead were added.
14080104	Animas	NM-2404_00	Animas River (Estes Arroyo to So. Ute Indian Tribe bnd)	5/5A	19.	1 MILES	20.6.4.404	Coolwater Aquatic Life	Nutrients	5/5A	303(d) List (no TMDL in place)	Sampled by SWQB during the 2017-2018 San Juan River basin survey, as well as during Gold King related 2015-2016 study. Assessable USGS and FPA data were also collated into the dataset. At stations blw CO state line and abv Estes Arroyo, respectively, exceedences included and 2/9 and 2/8 segment-specific total phosphorus; and 1/10 and 0/9 E. coli. There were 2/24 dissolved lead chronic ALU at the station abv Estes Arroyo (both exceedences were in EPA's 2019 spring runoff dataset). Total nitrogen and delta DO thresholds were exceeded. There are no thermograph data available to assess temperature, and the current turbidity LIM does not apply to coolwater ALU. Therefore, total phosphorus, temperature, and turbidity remain; E. coli was removed; and nutrients and lead were added.
1												Sampled as part of the 2017-2018 San Juan River survey. There were 3/6 E. coli
												exceedences. Therefore, E. coli was added.
14080105	Middle San Juan	NM-9000.A_021	Shumway Arroyo (San Juan River to Ute Mtn Ute bnd)	5/5A	13.3	MILES	20.6.4.98	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	
14080105	Middle San Juan	NM-2401_11	Stevens Arroyo (Perennial prts San Juan R to headwaters)	5/5A	9.8	2 MILES	20.6.4.99	Primary Contact	E. coli	5/5A	303(d) List (no TMDL in place)	Sampled as part of the 2017-2018 San Juan River survey. Assessable EPA data were collated into the dataset. There were 3/7 E. coli exceedences. Therefore, E. coli was listed. The arroyo generally starts flowing near the Farmers Mutual Ditch.